

8212-4

		<b>POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT</b>		REGION 6 STATE TX ZIP 2356
<b>NOTE:</b> This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated in subsequent forms as a result of additional inquiries and on-site inspections.				
<b>GENERAL INSTRUCTIONS:</b> Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (E/W-333); 401 M St., SW, Washington, DC 20460.				
<b>I. SITE IDENTIFICATION</b>				
<b>A. SITE NAME</b> AMOCO OIL COMPANY - Refinery		<b>B. STREET (or other location)</b> 2401 5th Avenue South		
<b>C. CITY</b> Texas City		<b>D. STATE</b> TX	<b>E. ZIP CODE</b> 77590	<b>F. COUNTY NAME</b> Galveston
<b>G. OWNER/OPERATOR (if known)</b> Charles Rice, Supt., Environmental Control 1. NAME AMOCO OIL COMPANY, 200 East Randolph Drive, Chicago, IL 60601 (L.V. Durland, Mgr.)				<b>2. TELEPHONE NUMBER</b> 713-945-1151
<b>H. TYPE OF OWNERSHIP</b> <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN				
<b>I. SITE DESCRIPTION</b> Petroleum Refinery. Process wastes disposed in a gypsum landfill, sludge landfill, sludge landfarm, and 3 injection wells.				
<b>J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)</b> CERCLA Notifier TXS 1152 RCRA TXD 008080533				<b>K. DATE IDENTIFIED</b> (Month, day, & year) 5-8-81
<b>L. PRINCIPAL STATE CONTACT</b> 1. NAME Karen Macko (1979) TDNR District 7				<b>2. TELEPHONE NUMBER</b> 713-479-5981
<b>II. PRELIMINARY ASSESSMENT (complete this section last)</b>				
<b>A. APPARENT SERIOUSNESS OF PROBLEM</b> <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN				
<b>B. RECOMMENDATION</b> <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR _____ b. WILL BE PERFORMED BY _____ <input type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR _____ b. WILL BE PERFORMED BY _____ <input checked="" type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)				
<b>RECEIVED</b> <b>MAR 25 1983</b>				
<b>C. PREPARER INFORMATION</b> 1. NAME Mark Riforgiat, FIT <i>[Signature]</i> 2. TELEPHONE NUMBER 214-742-6601 3. DATE (MO., DAY, & YEAR) 1-28-82				
<b>III. SITE INFORMATION</b>				
<b>A. SITE STATUS</b> <input type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequent) <input checked="" type="checkbox"/> 2. INACTIVE (Those sites which no longer receive waste) Inactive on-site landfarm <input type="checkbox"/> 3. OTHER (specify) _____ (Those sites that include such incidents like "slight dumping" where no regular or continuing use of the site for hazardous waste disposal)				
<b>B. IS GENERATOR ON SITE?</b> <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code) 2911,2873				
<b>C. AREA OF SITE (in acres)</b> 250 <b>D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES</b> 1. LATITUDE (deg.-min.-sec.) 29°22'28" N 2. LONGITUDE (deg.-min.-sec.) 94°55'30" W				
<b>E. ARE THERE BUILDINGS ON THE SITE?</b> <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify) Petroleum Refinery				

T2070-2 (10-79)

Continue On Reverse

REVIEWED BY (NAME) DATE 4-15-83  
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IV. CHARACTERIZATION OF SITE ACTIVITY				
Indicate the major site activity (ies) and details (including to each activity by marking 'X' in the appropriate boxes.				
X <sup>1</sup>	A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
	1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL
	2. SHIP	2. SURFACE MOUNDING	2. INCINERATION	2. LANDFARM
	3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN POND
	4. TRUCK	4. TANK ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE MOUNDING
	5. PIPELINE	5. TANK BELOW GROUND	5. CHEMICAL TREATMENT	5. NIGHT SOILING
	6. OTHER (SPECIFY):	6. OTHER (SPECIFY):	6. BIOLOGICAL TREATMENT	6. INCINERATION
			7. WASTE OIL REMEDIATION	7. UNDERGROUND INJECTION
			8. SOLVENT RECOVERY	8. OTHER (SPECIFY):
			9. OTHER (SPECIFY):	

6. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED. There exists a closed landfarm disposal area located at the facility. TDWR records (5/82) indicate that a groundwater monitoring program is conducted at the active landfarm. A reconnaissance survey by FIT is advised to determine the status and hazard potential of the closed landfarm.

V. WASTE RELATED INFORMATION

A. WASTE TYPE  
 1. UNKNOWN     2. LIQUID     3. SOLID     4. SLUDGE     5. GAS

B. WASTE CHARACTERISTICS  
 1. UNKNOWN     2. CORROSIVE     3. IGNITABLE     4. RADIOACTIVE     5. HIGHLY VOLATILE  
 6. TOXIC     7. REACTIVE     8. INERT     9. FLAMMABLE

10. OTHER (SPECIFY):

C. WASTE CATEGORIES  
 1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

TDWR manifests

2. Estimate the amount (specify unit of measure) of waste by category. Mark 'X' to indicate which wastes are present.

1. SLUDGE	2. OIL	3. SOLVENTS	4. CHEMICALS	5. SOLIDS	6. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
1729	Unknown	Unknown	70,049,500	2950	Unknown
UNIT OF MEASURE TONS/100	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE Gallons	UNIT OF MEASURE Cu. yards	UNIT OF MEASURE
X <sup>1</sup> (1) PAINT RESIDUES	X <sup>1</sup> (1) OILY WASTES	X <sup>1</sup> (1) HALOGENATED SOLVENTS	X <sup>1</sup> (1) ACIDS	X <sup>1</sup> (1) FLYASH	X <sup>1</sup> (1) LABORATORY SPRINKLING
X (2) METALS SLUDGES	(2) OTHER (SPECIFY):	(2) NONHALOGENATED SOLVENTS	(2) PICKLING SOLUTIONS	(2) ASBESTOS	(2) INDUSTRIAL
(3) BOTTLS		(3) OTHER (SPECIFY):	X (3) CATALYTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGES			(4) PESTICIDES	(4) FERROUS SOLIDS WASTES	(4) MUNICIPAL
(5) OTHER (SPECIFY):			(5) DYES/INKS	(5) NON-FERROUS SOLIDS WASTES	(5) OTHER (SPECIFY):
			(6) CYANIDE	(6) OTHER (SPECIFY):	
			X (7) PHENOLS	Misc. Trash and garbage	
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			X (11) OTHER (SPECIFY) Catalysts (Misc)		

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V. WASTE RELATED INFORMATION (continued)				
1. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (Place in descending order of hazard). Waste Chemicals: acids, caustics, solvents, catalysts Refinery sludges Leaded Tank bottoms				
4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE. Liquid wastes disposed via injection wells, Sludges disposed via one of two landfarms. One landfarm has been closed since November, 1980. Groundwater monitoring wells at active landfarm.				
VI. HAZARD DESCRIPTION				
A. TYPE OF HAZARD	B. POTENTIAL HAZARD (MARK 'X')	C. ALLEGED INCIDENT (MARK 'X')	D. DATE OF INCIDENT (MM-DD-YY)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NONWORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (SPECIFY):	X			Potential Hazard Unknown

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VII. PERMIT INFORMATION			
A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.			
<input checked="" type="checkbox"/> 1. NPDES PERMIT	<input type="checkbox"/> 2. SPCC PLAN	<input checked="" type="checkbox"/> 3. STATE PERMIT (specify):	WQ 00443, WDW 80, 127, 128
<input checked="" type="checkbox"/> 4. AIR PERMITS	<input type="checkbox"/> 5. LOCAL PERMIT	<input type="checkbox"/> 6. RCRA TRANSPORTER	
<input type="checkbox"/> 7. RCRA STORER	<input type="checkbox"/> 8. RCRA TREATER	<input type="checkbox"/> 9. RCRA DISPOSER	
<input type="checkbox"/> 10. OTHER (specify): TDMR Reg. # 30139, PSD TX-23, TX-107, TX-119			
B. IN COMPLIANCE?			
<input type="checkbox"/> 1. YES <input type="checkbox"/> 2. NO <input checked="" type="checkbox"/> 3. UNKNOWN			
A. WITH RESPECT TO (list regulation name & number):			
VIII. PAST REGULATORY ACTIONS			
<input type="checkbox"/> A. NONE <input type="checkbox"/> B. YES (summarize below)			
Unknown			
IX. INSPECTION ACTIVITY (past or on-going)			
<input type="checkbox"/> A. NONE <input checked="" type="checkbox"/> B. YES (complete items 1, 2, 3, & 4 below)			
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (Mon., Day, & Yr.)	3. PERFORMED BY (EPA/State)	4. DESCRIPTION
Compliance Inspection	1-16-74	TDMR	Facility Complaint
X. REMEDIAL ACTIVITY (past or on-going)			
<input type="checkbox"/> A. NONE <input type="checkbox"/> B. YES (complete items 1, 2, 3, & 4 below)			
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (Mon., Day, & Yr.)	3. PERFORMED BY (EPA/State)	4. DESCRIPTION
Unknown			
NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.			

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**EPA Notification of Hazardous Waste Site**

TXS-000-001-152 000399

United States Environmental Protection Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

JUN 10 1981

6.A.F.P.

**A Person Required to Notify:**

Enter the name and address of the person or organization required to notify.

Name: Amoco Oil Company  
 Street: 200 East Randolph Drive  
 City: Chicago State: IL Zip Code: 60601

**B Site Location:** TXS-44-001-0424

Enter the common name (if known) and actual location of the site.

Name of Site: Amoco Oil Company - Refinery  
 Street: 2401 5th Avenue South  
 City: Texas City County: Galveston State: Texas Zip Code: 77590

**C Person to Contact:**

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title): Rice, Charles, Supt., Environmental Control  
 Phone: (713) 945-1151

**D Dates of Waste Handling:**

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year): 1973 To (Year): 1980

**E Waste Type:** Choose the option you prefer to complete

**Option 1:** Select general waste types and source categories, if you do not know the general waste types or sources, you are encouraged to describe the site in Item 1 - Description of Site.

**General Type of Waste:**

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1  Organics
- 2  Inorganics
- 3  Solvents
- 4  Pesticides
- 5  Heavy metals
- 6  Acids
- 7  Bases
- 8  PCBs
- 9  Mixed Municipal Waste
- 10  Unknown
- 11  Other (Specify)

**Source of Waste:**

Place an X in the appropriate boxes.

- 1  Mining
- 2  Construction
- 3  Textiles
- 4  Fertilizer
- 5  Paper-Printing
- 6  Leather Tanning
- 7  Iron-Steel Foundry
- 8  Chemical-General
- 9  Plating/Polishing
- 10  Military-Ammunition
- 11  Electrical Conductors
- 12  Transformers
- 13  Utility Companies
- 14  Sanitary-Refuse
- 15  Photofinish
- 16  Lab-Hospital
- 17  Unknown
- 18  Other (Specify)

**Option 2:** This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

**Specific Type of Waste:**

EPA has assigned a four digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

K052		

SUPERFUND FILE

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Notification of Hazardous Waste

Side Two

F Waste Quantity	Facility Type	Total Facility Waste Amount
Place an X in the appropriate boxes to indicate the facility types found at the site in the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.	1 <input type="checkbox"/> Piles	Cubic Feet Est. 65,000 Remaining
in the "total facility area" space give the estimated area size which the facilities occupy using square feet or acres.	2 <input checked="" type="checkbox"/> Land Treatment	
	3 <input type="checkbox"/> Landfill	Square Feet
	4 <input type="checkbox"/> Tanks	Total Facility Area
	5 <input type="checkbox"/> Impoundment	Square Feet
	6 <input type="checkbox"/> Underground Injection	Acres 2.93
	7 <input type="checkbox"/> Drums, Above Ground	
	8 <input type="checkbox"/> Drums, Below Ground	
	9 <input type="checkbox"/> Other (Specify)	

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.  Known  Suspected  Likely  None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Attachment H

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Leaded tank bottom sludges were landfarmed from 1973 to 1980. The sites were closed prior to the November 19, 1981, implementation of RCRA and were identified in the refinery's (TXD008080533) RCRA Form "A" Application as closed sites. These areas will be covered with additional fill soil as the elevations will be raised to construct new refinery facilities in the expansion program underway.

See Attachment I-1, I-2, I-3

J Signature and Title

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name L. V. Durland, Refinery Manager  
Street P. O. Box 401  
City Texas City State TX Zip Code 77590  
Signature *L. V. Durland* Date 5-8-71

Owner, Present  
 Owner, Past  
 Transporter  
 Operator, Present  
 Operator, Past  
 Other

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position in the paper document  
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Oversized document number:

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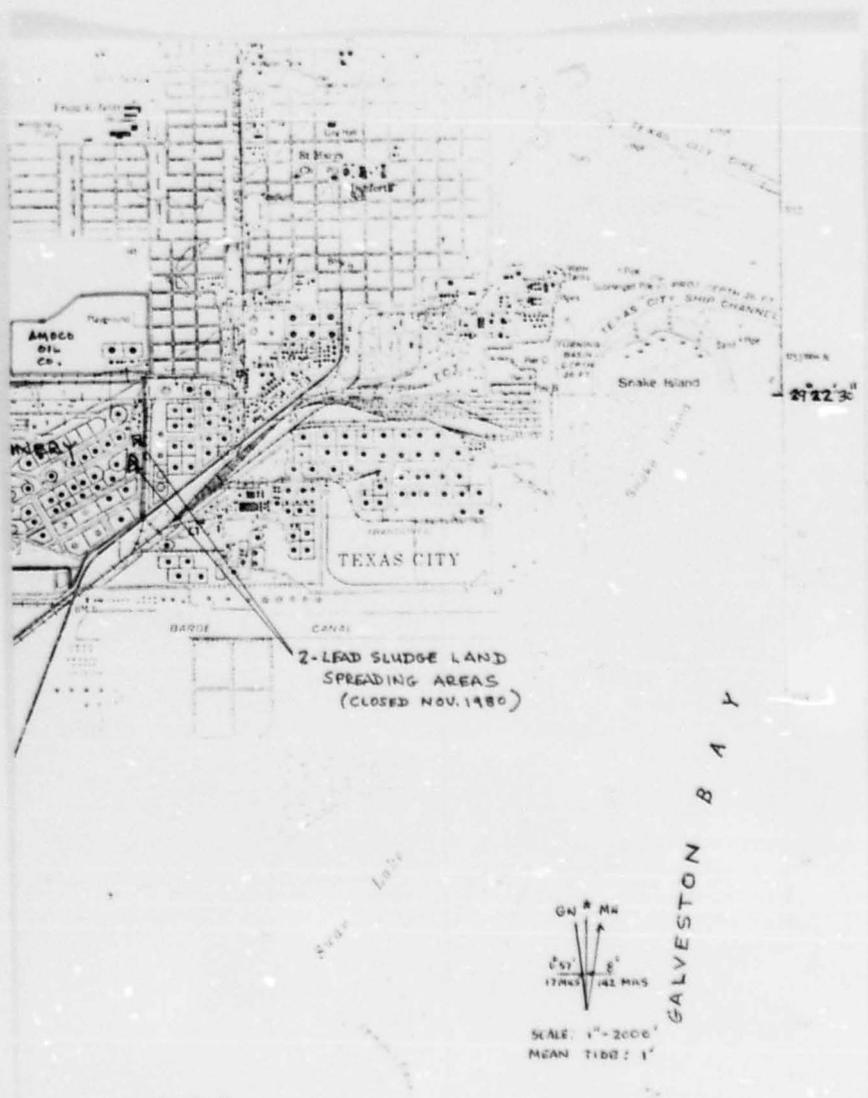
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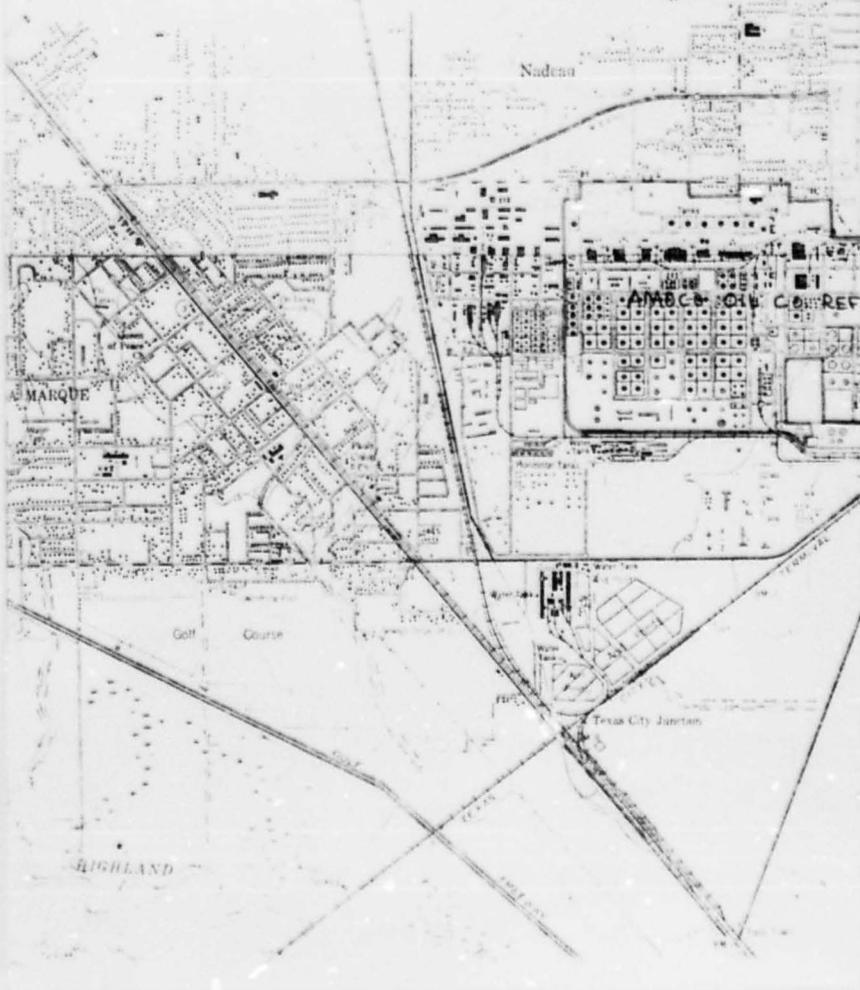


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ATTACHMENT P

TEXAS CITY, TX.

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Attachment I-1

Lead Sludge Area No. 1

Description of tract out of the John Grant Survey, Abstract  
No. 72 Galveston County, Texas, out of the Amoco Oil Company,  
Texas City, Texas refinery:

2.11199 acre tract description

Commencing at the Southwest corner of Lot 14, Block "A", STONE INDUSTRIAL  
TRACTS, according to the map or plat recorded in Volume 254-A, Page 69  
in the Office of the County Clerk of Galveston County, Texas, said  
beginning point being S-413.26, E-138.08 in the Texas City Refinery  
Plant Coordinate System;

THENCE from said beginning point South, along E-138.08, a distance of  
2285.69 feet to a point being S-2698.95, E-138.08;

THENCE East, along S-2698.95, a distance of 2949.57 feet to the place of  
beginning of the tract hereinafter described, S-2698.95, E-3087.65;

THENCE from said beginning corner N60°07'55"E, a distance of 105.02 feet  
to a point for corner S-2637.65, E-3178.73;

THENCE N64°04'32"E, a distance of 58.81 feet to a point for corner  
S-2611.94, E-3231.62;

THENCE N66°37'55"E, a distance of 58.62 feet to a point for corner  
S-2588.69, E-3285.43;

THENCE N11°51'40"E, a distance of 65.05 feet to a point for corner  
S-2524.99, E-3298.80;

THENCE S76°23'37"E, a distance of 67.59 feet to a point for corner  
S-2540.93, E-3364.49;

THENCE S2°30'54"W, a distance of 501.81 feet to a point for corner  
S-3042.26, E-3342.47;

THENCE S86°24'08"W, a distance of 81.43 feet to a point for corner  
S-3047.37, E-3261.20;

THENCE N38°37'59"W, a distance of 163.62 feet to a point for corner  
S-2919.56, E-3159.05;

THENCE N17°16'17"W, a distance of 240.45 feet to the place of beginning  
S-2698.95, E-3087.65 and containing 2.11199 acres, more or less.

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Attachment T-2

Lead Sludge Area No. 2

Description of tract out of the John Grant Survey, Abstract No. 72  
Galveston County, Texas, out of the Amoco Oil Company, Texas City,  
Texas refinery:

0.82137 acre tract description

Commencing at the Southwest corner of Lot 14, Block "A", STONE INDUSTRIAL  
TRACTS, according to the map or plat recorded in Volume 254-A, Page 69  
in the Office of the County Clerk of Galveston County, Texas, said  
beginning point being S-417.26, E-138.08 in the Texas City Refinery Plat  
Coordinate System:

THENCE from said beginning point South, along E-138.08, a distance of  
2479.25 feet to a point being S-2892.51, E-138.08;

THENCE East, along S-2892.51, a distance of 2800.50 feet to the place of  
beginning of the tract hereinafter described, S-2892.51, E-2938.58;

THENCE from said beginning corner S-417.26, E-138.08, a distance of 177.92 feet  
to a point for corner S-3070.41, E-2936.15;

THENCE S4°08'15"E, a distance of 107.15 feet to a point for corner  
S-3172.29, E-2943.52;

THENCE S3°29'31"W, a distance of 13.72 feet to a point for corner  
S-3189.99, E-2942.72;

THENCE N63°46'17"E, a distance of 261.32 feet to a point for corner  
S-3070.50, E-3177.13;

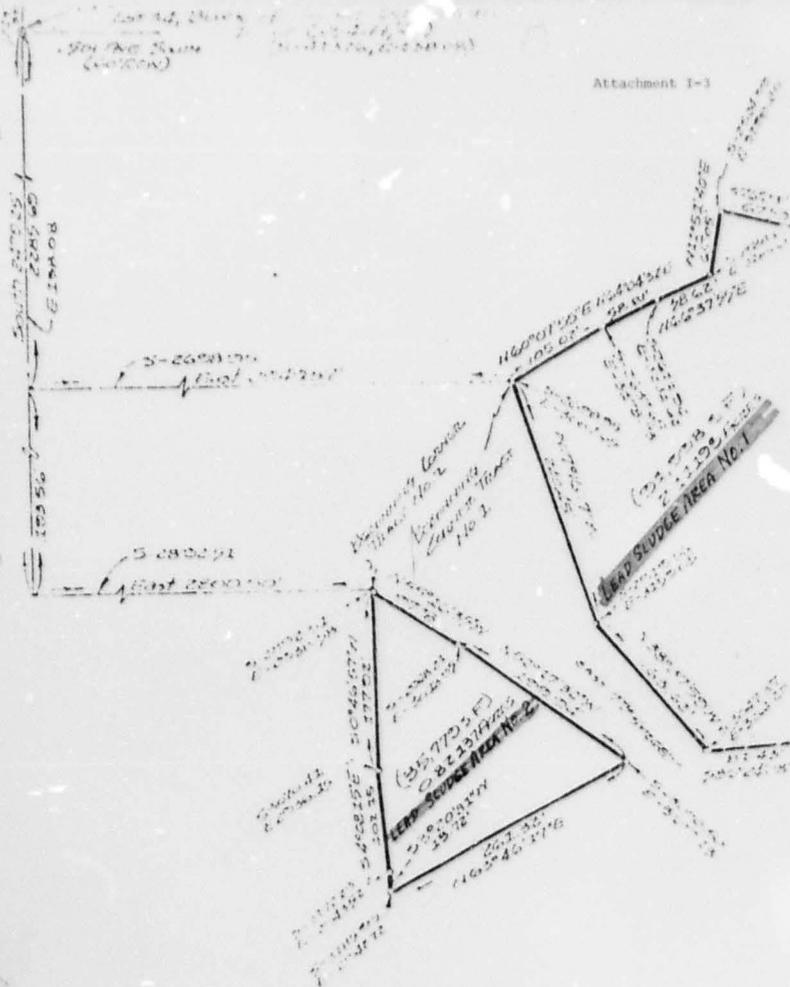
THENCE N52°17'32"W, a distance of 199.94 feet to a point for corner  
S-2948.21, E-3018.95;

THENCE N55°16'35"W, a distance of 97.78 feet to the place of beginning  
and containing 0.82137 acres, more or less.

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Attachment I-3



ALIGNED WITH THE CENTER LINE OF THE ROAD, TO BE OPENED UP BY THE COUNTY, TEXAS, FOR THE

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Surveyed by  
James W. Gartrell, Jr.

JAMES W. GARTRELL, JR.  
COUNTY CLERK

Surveyed by  
JAMES W. GARTRELL, JR.  
COUNTY CLERK